



Product Information

CDK inhibitor LY2606368, Purity ≥98%

Cat. No.: X24-05-ZQ707

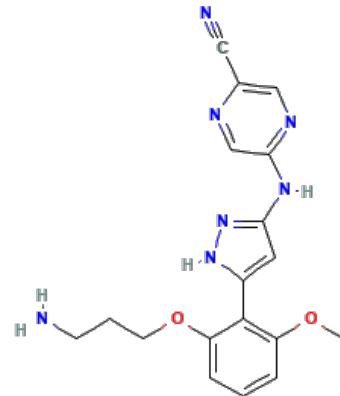
Size: 5 mg; 10 mg; 25 mg

CAS Number: 1234015-52-1

Compound CID: 46700756

Synonym: 1234015-52-1; LY-2606368; LY 2606368; CDK inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	LY2606368 is an CDK kinase inhibitor that disrupts cell division processes. It targets Chk1, Chk1, and Chk2.
Molecular Weight	365.38916
Molecular Formula	C ₁₈ H ₁₉ N ₇ O ₂
Targets	Chk1: 0.9 nM (Ki); Chk1: <1 nM; Chk2: 8 nM
IUPAC Name	5-[[5-[2-(3-Aminopropoxy)-6-methoxyphenyl]-1H-pyrazol-3-yl]amino]pyrazine-2-carbonitrile
InChI	InChI=1S/C18H19N7O2/c1-26-14-4-2-5-15(27-7-3-6-19)18(14)13-8-16(25-24-13)23-17-11-21-12(9-20)10-22-17/h2,4-5,8,10-11H,3,6-7,19H2,1H3,(H2,22,23,24,25)
InChI Key	DOTGPNHGTYJDEP-UHFFFAOYSA-N
Canonical SMILES	COC1=C(C(=CC=C1)OCCCN)C2=CC(=NN2)NC3=NC=NC=C(N=C3)C#N
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	LY2606368 can be used to explore its dual inhibition of CHK1 and CHK2, and its implications for cancer treatment.
Storage	Store at -20°C.